

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Madison	285-0A-9999	New Building
<u>Project No.</u>	15A1Q	<u>Project Title</u>	Marshfield North Commodity/Machinery Storage Bldg

Project Intent

This project provides investigation and research, pre-design, and design services to construct a new metal storage shed that will be used to store hay bales and other feed for the livestock at the station. The project site will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures. The new storage shed will provide protection from the elements for the machinery that is currently left outside.

Project Description

Project work includes constructing an unheated, two-part metal storage building. The first part will be a three-sided feed storage area (50 feet wide by 80 feet long). The second part will be a fully enclosed machinery storage area (60 feet wide by 144 feet long). The building will be steel frame with steel panel sidewalls and roof. The machinery portion will have two 14-foot high overhead doors, a passage door, gravel floor, and new electrical service for minimal lighting and operation of the two doors. The feed storage does not require any doors, electrical or gravel floor. The project will include required site grading and extending the electrical service from the shop building.

Project Justification

The Marshfield North Agricultural Research Station animal facilities were the result of two separate projects. The state of Wisconsin project constructed a feed center and a large concrete feed pad to accommodate the feed for the initial heifer barn. A federal project constructed two additional barns and a milking parlor, but did not have funding for the additional feed facility. The commodity portion of this project will provide a dry space in which to store the required feed. The equipment that is needed to operate the station does not have a storage enclosure. Exposure to the elements contributes to early deterioration of the equipment and shortens its life.

A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of agricultural buildings, site layout, grading, building codes, and electrical as part of a design team. Work includes site survey, the design of a metal agricultural storage building, and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

Commissioning

- Level 1
- Level 2

All Agency Project Request

2013 - 2015 Biennium

<u>Project Budget</u>	<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost: \$	GFSB - []	\$0
Haz Mats: \$	PRSB - []	\$0
Construction Total: \$	Agency/Institution Cash [AGF0]	\$280,000
Contingency: 15% \$	Gifts	\$0
A/E Design Fees: 8% \$	Grants	\$0
DFD Mgmt Fees: 4% \$	Building Trust Funds [BTF]	\$0
Other: \$0	Other Funding Source	\$0
\$280,000		\$280,000

Project Schedule

- SBC Approval:
- A/E Selection:
- Bid Opening:
- Construction Start:
- Substantial Completion:
- Project Close Out:

Project Contact

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 Telephone: (608) 263-3031 x

Project Scope Consideration Checklist

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1. Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction.
All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.
2. Is the project an extension of another authorized project? If so, provide the project #...
3. Are hazardous materials involved? If yes, what materials are involved and how will they be handled?
Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is not available on Wisconsin's Asbestos & Lead Management System (WALMS) <<http://walms.doa.state.wi.us/>>.
4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?
5. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?
6. Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope.
7. Have you identified the WEPA designation of the project...Type I, Type II, or Type III?
Type III.

All Agency Project Request

2013 - 2015 Biennium

8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here.
9. Are there any other issues affecting the cost or status of this project?
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution.
Project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible.
11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent?
The project will improve the function of the station and decrease the maintenance costs to equipment.
12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s).
13. Are there potential energy or water usages reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <<http://www.focusonenergy.com>> or the local utility provider)? If yes, describe here.
14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here.